Summer Program for Undergraduate Research
Life and Biomedical Sciences

The SPUR-LABS summer program provides a rigorous research training experience for undergraduates with interests in a broad range of bioscience disciplines.

Exceptional research training, integrated with professional development activities, will prepare students to succeed in leading Ph.D programs. The program is designed for students participating in undergraduate honors research programs that are designed to foster transition to doctoral programs.

SPUR-LABS is conducted in association with the UCLA Undergraduate Research Center and Graduate Division.

bioscience.ucla.edu/spur-labs
Community College Internships (CCI)

As an undergraduate community college student, you have the opportunity to participate in a mentored technical internship at Lawrence Livermore National Laboratory (LLNL), exploring career opportunities and gaining invaluable research experience. Internships at the Lab focus on supporting the engineering and research missions of the U.S. Department of Energy, exploring fields such as energy efficiency, climate change, supercomputing, genomics, matter and energy in the universe, and nanotechnology.

As an intern at LLNL, you will be mentored by some of the world's most highly respected scientists, engineers, and technicians. You will launch your career in STEM amidst the Lab's vibrant scientific and professional culture, and your time here will be full of opportunities, panel sessions, advice about graduate school and careers, professional networking, social activities, and an abundance of lectures and seminars about the innovative, boundary-pushing science that defines the Lab. Intern at Lawrence Livermore, and create the future.

Eligibility:
- Currently enrolled full time students from 2-year colleges
- GPA of 3.0
- Must be 18 years or older when internship begins
- Must be a U.S. citizen or permanent resident when applying

Key Dates:
Applications accepted October - December
For summer term: June - August

Internship Opportunities: scholars.llnl.gov
Job Listings: careers.llnl.gov

For information on requirements, deadlines, and to access the online application, please visit http://science.energy.gov/wtfwccic/

Join us at Lawrence Livermore National Lab today!
Science Undergraduate Laboratory Internship (SULI)

Lawrence Livermore National Laboratory (LLNL), one of the chief energy research institutions in the country, offers top-tier research experiences for undergraduate students pursuing careers in science, technology, engineering, and mathematics. We offer mentored internships that allow you to do research on projects that support U.S. Department of Energy missions such as energy efficiency, climate change, supercomputing, genomics, matter and energy in the universe, engineering, and nanotechnology.

As an intern at LLNL, you will be mentored by some of the world's most highly respected scientists, engineers, and technicians. You will launch your career in STEM amidst the Lab’s vibrant scientific and professional culture, and your time here will be full of opportunities, poster sessions, advice about graduate school and careers, professional networking, social activities, and an abundance of lectures and seminars about the innovative, boundary pushing science that defines the Lab. Intern at Lawrence Livermore, and create the future.

Eligibility:
- Currently enrolled full-time sophomores to graduating seniors from 2- or 4-year colleges
- GPA of 3.0
- Must be 18 years or older when internship begins
- Must be a U.S. citizen or permanent resident when applying

Key Dates:
- Spring term: January–May
- Summer term: June–August
- Fall term: August–December

Internship Opportunities:
- scholars.llnl.gov

Submission Dates:
- Spring: July–September
- Summer: October–December
- Fall: April–May

Job Listings:
- careers.llnl.gov

For information on requirements, deadlines, and to access the online application, please visit http://science.energy.gov/wwts/suli/

Join us at Lawrence Livermore National Lab today!
RESEARCH AT CITY OF HOPE

Beckman Research Institute of City of Hope is among the nation's top centers for innovative biomedical research. Hundreds of physicians, nurses and scientists are conducting studies designed to revolutionize our understanding of nature and thereby enhance our ability to treat and prevent human illnesses such as cancer, diabetes and AIDS.

Summer students may work in laboratories studying genes, proteins and compounds that are important for normal and abnormal cellular function. They may use human cell lines or models such as viruses, bacteria and fruit flies. Employing state-of-the-art research facilities, students collect data and interpret their results with concepts taken from biochemistry, genetics, neuroscience and immunology. Other students may work on projects involving bioinformatic analyses or computer modeling of potential new drugs or biomolecules. Students may also work in epidemiological or outcome research to collect, organize or analyze clinical, socioeconomic or quality-of-life issues related to patient treatments.

STUDENT TESTIMONIALS

"Not only was I honored with the mentorship of a world-renowned liver surgeon, but also trusted with developing a novel surgical device to aid many procedures to come. I am truly lucky to have been able to stand on the shoulders of giants while being given the opportunity to feel like I become one.

— Keenan Comea

"My summer at City of Hope has not only introduced me to the passions of interdisciplinary and scientific research, but has also given me a broader understanding of science in the real world. Through seminars, presentations and workshops, the academy has helped me realize that science isn't just about facts and end-of-year competitions, but is also communication, resilience, teamwork and, most importantly, a willingness to venture into the unknown."

— Catherine Xu

APPLICANTS MUST:

- Possess a strong interest in learning more about biomedical research
- Be at least 16 years old and a registered student in an accredited high school, college or university
- Be willing to make a full-time, 10-week commitment to their research project

No previous research experience is required for selection, but science and laboratory courses are a plus.

HOW TO APPLY

Applications are available online in January and are due in March.

Additional information about our program, application, selection process, diversity programs and qualifications for the academy can be found on their website under the "How to Apply" tab at CityofHope.org/summer-student-academy

CONTACT

If you need additional information, please send inquiries to:

City of Hope
Department of Professional Education
1500 E. Duarte Road
Duarte, CA 91010

robertsacademy@coh.org

CONNECT WITH US

Facebook: Stay current with academy news. Like us on Facebook at facebook.com/cityofhope summeracademy

LinkedIn: If you are an alumnus of the program, join the LinkedIn page Eugene and Ruth Roberts Summer Student Academy

DISCOVER

LEARN

CONTRIBUTE

EUGENE AND RUTH ROBERTS
Summer Student Academy

CityofHope.org
STUDENTS IN OUR PROGRAM

- Participate as an active member of a biomedical research team
- Present their results in a poster session to peers and other interested scientific and medical personnel
- Prepare a written report documenting their research project
- Attend weekly meetings where scientists or fellow students discuss their research
- Attend career development seminars
- Participate in networking and social activities

PROGRAM HIGHLIGHTS

The Summer Student Academy is an opportunity for curious, hardworking students to learn about science by actually doing it. Selected participants spend at least 10 weeks working full time as an integral part of a research team. The goals of the program are to develop and test students' critical thinking skills by applying them to the generation of new discovery-based biomedical knowledge. Students will learn how to think like a scientist and see firsthand how textbook knowledge and new treatments for serious medical problems are developed.

In addition to conducting research, students will attend seminars by leading biomedical researchers and have the opportunity to learn the "art" of scientific communication. Students present their research findings in weekly meetings and a campus-wide poster session, and are required to submit a written report documenting their research activities.

The program is not all work and no play. We help organize social functions during the summer and encourage students to network and interact with each other. Some students accomplish enough to be listed as co-authors on scientific publications or as co-inventors on patents arising from their projects.

The Summer Student Academy is supported by institutions and funding agencies who desire to train the next generation of underrepresented minority and socioeconomic-need students. City of Hope is proud to be part of the Continuing Umbrella Research Experience (CURE) Program sponsored by the National Institutes of Health. The Summer Student Academy is also supported by the California Institute for Regenerative Medicine (CRMI), which provides stem cell research opportunities to high school students in California. We encourage all students to apply to the Summer Student Academy and indicate their interest in the CURE and CRMI programs on their application. City of Hope is committed to creating a diverse environment and is proud to be an equal opportunity employer.

More information about specific areas of ongoing research can be found on our website:

CityofHope.org/research

ACADEMY FOUNDERS

City of Hope is dedicated to continuing the legacy and vision of the late Eugene Roberts, Ph.D. Together with his wife, Ruth, they have shaped the academy into what it is today, dedicating over 100 years of service to City of Hope. Dr. Roberts cherished City of Hope's mission, with its emphasis on the whole person, the idea that health is not simply a matter of the body but also of the heart and soul. Ruth is still actively engaged with the Summer Student Academy, offering every student the opportunity to meet with her.

LEARNING ABOUT RESEARCH

Neuroscientist and Program Director Emeritus Paul Salvaterra, Ph.D., believes that: "The way to learn about research is to do research." An academy goal is to provide a setting in which students can discover for themselves that research is exciting and fun.
Center for Cancer Research
Cancer Research Interns

2017/2018
Summer Internship Program

CONTACT INFORMATION
Vi Black, Program Manager
Office of Training and Education
CCR, NCI, NIH, DHHS
9609 Medical Center Drive - 3W 122
Bethesda, MD 20892-9707
Telephone: 240-276-7786

Special Note: Financial support for the 2017 CRI summer program is contingent on availability of funding.
We are pleased to announce the Cancer Research Interns (CRI) Summer Internship Program, sponsored by the Center for Cancer Research's (CCR) Office of Training and Education. The focus of this program is to increase diversity. A selection panel of NCI scientists and administrators will review the application packages and interview prospective fellows with a GPA of 3.0 or higher, from groups under-represented in biomedical science or financially disadvantaged backgrounds (with family income at/below the levels published in the Federal Register, Volume 81(45), March 8, 2016, pg. 12108: – see chart).

<table>
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<th>Size of Family</th>
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**STUDENT ELIGIBILITY**

Applicants must be:

- In good standing, with a GPA of 3.0 or higher.
- U.S. citizens or permanent residents
- 18 years of age or older
- Students with cancer-related research interests
- From under-represented groups* and/or financially disadvantaged backgrounds

*The following groups are considered under-represented in biomedical science: African Americans/Black Americans, Hispanic/Latino Americans, Native Americans, Alaska Natives, and non-Asian Pacific Islanders

**HOW TO APPLY**

The complete application package has four components:

1. **Online Application** —
   
   www.training.nih.gov

   accepted from mid-November 2016 to January 19, 2017

   Two references are required—both should be written by practicing scientists who know you personally and can speak to your ability to train in a biomedical research laboratory.

2. **Statement of Interest** (no more than one typewritten page) should be sent by January 19th to vb55k@nih.gov with:
   
   a. Name/school/major/graduation date
   b. Career objective
   c. Identification of under-represented group
   d. Specific cancer-related interests
   e. Short essay: Describe what you will bring to the program and why this training will make a difference in your academic trajectory.
   f. Laboratory skills, including computer skills

3. **Official Transcript** should be mailed by January 19th to:

   Center for Cancer Research
   Office of Training and Education
   9609 Medical Center Drive - 3W 122
   Bethesda, MD 20892-9707

4. **Statement of Financial Eligibility** should be sent by U.S. mail to the address above no later than March 1, 2017.

**Track Record:**

The CRI Program offers development and training in the newest biomedical technologies. We have an extensive network of colleges, universities, and minority-targeted programs that CRI fellows have taken advantage of to further their education. More than half of our former interns are currently attending or have completed graduate school.

**OTHER PROGRAM NOTES**

Prospective CRI fellows will be interviewed by the selection panel and notified of their acceptance into the program in early March, 2017. Interviews are conducted via telephone or Skype. Acceptance into the program does not guarantee placement in a lab.

For information regarding stipend amounts, please go to: http://intranet.cancer.gov/admin/crta/append1.htm.

All CRI fellows are required to present a poster for the NIH annual Summer Intern Poster Day in Bethesda and/or the Summer Student Poster Day in Frederick, Maryland.

For more information about this program, please contact Vi Black at vb55k@nih.gov.
Undergraduate Research Opportunities at WSU

Expand your résumé at a leading research university!

- Washington State University is in the Pacific Northwest
- Summer programs funded by NSF Research Experience for Undergraduates (REU), USDA, and faculty grants
- Mentors are award-winning professors
- Generous stipends with many expenses covered
- Facilities are cutting edge
- Poster symposium to showcase work to the public
- Expand your personal and professional network by working with students like you from across the U.S.

"Atmospheric Chemistry and Climate Change: Measurements and Modeling in the Pacific Northwest" (Laboratory for Atmospheric Research/Dept. of Civil and Environmental Engineering) Shelley Pressley (spressley@wsu.edu)

"Engineering Tools for Disease Diagnostics and Treatment" (School of Chemical Engineering and Bioengineering) Nehal Abu-Lail (nehal@wsu.edu)

"Bioplastics and Biocomposites" (Center for Bioplastics and Biocomposites) (CB2.REU@wsu.edu)

"Biomedicine Summer Undergraduate Research Experience" (College of Veterinary Medicine) Samantha Gizerian (samantha.gizerian@wsu.edu)

"Data-intensive Research in the Environmental Sciences" (Center for Environmental Research, Education, and Outreach) Julie Padowski (julie.padowski@wsu.edu)

"Gerontechnology-focused Summer Undergraduate Research Experience" (Electrical Engineering/Computer Science and Psychology) Diane Cook and Maureen Schmitter-Edgecombe (dcook@wsu.edu; schmitter-e@wsu.edu)

"Landscape Ecology and Ecosystem Dynamics in the Columbia River Basin: Integrating Terrestrial and Aquatic Perspectives" (School of the Environment, WSU Vancouver) Gretchen Rollwagen-Bollens (rollboll@wsu.edu)

"Northwest Advanced Renewables Alliance (NARA)" (WSU-led public/private biofuels project) Shelley Pressley (spressley@wsu.edu)

"Plant Genomics and Biotechnology" (Dept. of Horticulture) Amit Dhirgna (adhirgna@wsu.edu)

"Regional Approaches to Climate Change (REACCH)" (Intercollegiate/USDA-AR project) Shelley Pressley (spressley@wsu.edu)

"Smart Environments" (School of Electrical Engineering and Computer Science) Larry Holder (holder@wsu.edu)

"Summer Undergraduate Research Fellowship (SURF)" (Dept. of Pharmaceutical Sciences, WSU Spokane) Kay Meier (kmeier@wsu.edu)

"USPRISM: U.S.-Scotland Program for Research on Integration of Renewable Energy Resources and Smart Grid" (School of Electrical Engineering and Computer Science) Ali Mehrizi-Sani (mehrizi@eecs.wsu.edu)

"Research Experience Opportunity for Native Undergraduate Students" (Depts. of Horticulture and Plant Pathology and WSU Graduate School) Amit Dhirgna (adhirgna@wsu.edu) and Lori Carris (carris@wsu.edu)

Interested in learning more about these programs? Visit our website: SummerResearch.wsu.edu
Summer Research Internship Program (SRIP)

www.mcd.virginia.edu/srip

APPLY NOW!
Deadline February 1st, 2018

Please visit our website to apply and sign up for helpful emails on the admissions process.
AACR Undergraduate Scholar Awards

The AACR Undergraduate Scholar Awards is a two-year award, consisting of $1,500 in financial support each year to offset the costs of travel and subsistence for participation in two consecutive American Association for Cancer Research (AACR) Annual Meetings, as well as free registration for these meetings. The primary purpose of these awards is to inspire young science students to enter the field of cancer research.

AACR ANNUAL MEETING 2018
APRIL 14-18, 2018, CHICAGO, IL

AACR ANNUAL MEETING 2019
MARCH 30-APRIL 3, 2019, ATLANTA, GA

ELIGIBILITY
This award program applies to full-time, third-year undergraduate students majoring in a scientific field. Fourth-year undergraduates committed to a five-year degree program may also apply. Applications from students who are not yet committed to cancer research are welcome. Candidates must be members of the American Association for Cancer Research at the time of application; Student Membership is free. Apply for membership at www.aacr.org/Membership.

REQUIREMENTS
Awardees are required to attend scientific sessions at the Annual Meeting for a minimum of four days and to participate in all planned activities for awardees. Two comprehensive reports must be submitted each year.

SELECTION
Awardees will be selected on the basis of their qualifications and interest in research, references from their mentors, and the selection committee’s evaluation of the potential professional benefit of the award to the candidates. An advisory committee consisting of experts who are members of the AACR will carefully review submitted applications and all attachments prior to choosing the awardees.

APPLICATION
Application Deadline: December 15, 2017
To apply, visit www.AACR.org/UndergradAwards
(Applications will be available in late October 2017)

QUESTIONS?
E-Mail: scienceeducation@aacr.org
Phone: (215) 440 9300
Toll-free: (866) 423-3965

www.aacr.org/UndergradAwards
Awards for Students
The primary purpose of AACR awards is to stimulate excitement and enthusiasm about cancer research at an early stage, when students are still making career decisions. We encourage students to use these awards to network, learn, and grow.

Thomas J. Bardos Science Education Awards for Undergraduate Students
These merit-based awards are available to AACR Student Members who are third-year undergraduate students. The award includes free Annual Meeting registration and a $1,500 yearly stipend to support participation in two consecutive AACR Annual Meetings.

Gary J. Miller Undergraduate Prizes for Cancer and Cancer-Related Biomedical Research
Undergraduates at any level and post-baccalaureate students are eligible to compete for these prizes. The First Place Gary J. Miller Undergraduate Prize for Cancer and Cancer-Related Biomedical Research carries an award of $1,500 towards participation in the following year’s AACR Annual Meeting. Second ($300) and third place ($200) prizes are also awarded.

Mentoring and Networking
By strengthening interactions between cancer scientists and promising students, we hope to facilitate the contributions of these students to scientific research and the conquest of cancer. Opportunities for formal and informal scientific exchanges abound for young scientists through Association programs and activities. Investigators with a passion for science education are invited to join us on this journey! All AACR members are welcome to volunteer as mentors, whether during AACR Annual Meetings and Special Conferences, in their regional or local areas, or via email. Email scienceeducation@aacr.org for more information.

Research Experience
AACR Student Members seek out hands-on experiences in laboratories conducting cancer research across the spectrum of research areas to enhance their knowledge base and to gain professional experience. Senior AACR members support these efforts by sharing information with the Association about summer internships available at their own institutions. Browse the list of opportunities on our website.

Online Resources
Visit our website at AACR.org/ScienceEducation for online-only resources. Learn about available awards, scholarships, and summer internships in your area; discover more about the progress of cancer research through podcasts, articles, and videos; peruse research tips for students; and more.
Research Experience for Undergraduates
at the University of Georgia
Summer 2018

Fungal Genomics, Computational Biology & Systems Biology

This is a ten-week NSF REU program with a $5,000 summer stipend. Our students go on to distinguished graduate programs including Harvard, University of Pennsylvania, Johns Hopkins, Albert Einstein, Boston University, Washington University, Morehouse School of Medicine, Emory University, and St. Jude’s Children’s Hospital. Our students successfully chart both academic and nonacademic paths at institutions and companies including Johns Hopkins, Goddard Space Center, Pfizer, Merck, NASA Langley, NIH, CDC, and Complete Genomics (Inc.). Begin building your personal network of future colleagues in the life sciences.

Contact: Jonathan Arnold (arnold@uga.edu)
Apply: http://www.genetics.uga.edu/FGCB

Immersive Research in the Bioarchaeology of Greek Colonization

This international REU site brings eight undergraduate students from diverse backgrounds to Sicily, Italy for four weeks to collect data from ancient human skeletons, and back to the United States for four weeks to work in the research laboratories at UGA. Students complete independent research projects relating to the health, activity patterns, diet, and genetic relatedness of people at the Greek colony and battlefield of Himera to better understand the biocultural consequences of culture contact in the past. Participants receive specialized field and lab training in archaeological chemistry, anatomy, research design, and data analysis. Students will leave the REU with greater technical and analytical skills, better preparedness for graduate study and professional careers, and heightened awareness of global issues relating to population contact, inequality, human conflict, and health transitions.

Contact: Laurie Reitsema (reitsema@uga.edu) or Britney Kyle (britney.kyle@unco.edu)
Apply: http://research.franklin.uga.edu/reu/

Nanotechnology & Biomedicine

The Nanotechnology and Biomedicine REU program will provide an interdisciplinary research experience at the interface of micro-/nano-technology and biomedicine to undergraduate students from other institutions, leveraging the diverse interdisciplinary expertise, resources, and training opportunities in this area at UGA. Students will participate in interdisciplinary research projects that apply micro-/nano-technology to specific biomedical questions. Each REU student will be co-mentored by paired faculty from the nanotechnology and biomedical disciplines on a collaborative research project. In addition to a total immersion, hands-on research experience, students will participate in enriching activities that will include ethics in science workshops; weekly career development seminars; research seminars; educational field trips; participation in conferences in nanotechnology and biomedicine.

Contact: Leidong Mao (mao@uga.edu)
Apply: http://reu.engr.uga.edu/
Undergraduate Biology Education Research

The Undergraduate Biology Education Research (UBER) REU Site is a nine-week, NSF-funded program to involve undergraduates in designing and conducting research on undergraduate biology teaching and learning with mentorship from faculty from the UGA life science departments and College of Education. The goals of the program are to develop undergraduates' knowledge and skills in biology education research, encourage undergraduates to pursue doctoral study of biology teaching and learning, expand the diversity of the talent pool in biology education research, and contribute to the development of theory and knowledge about biology education in ways that can inform biology instruction.

Contact: Dr. Julie Stanton, stantonj@uga.edu
Apply: uber.coe.uga.edu

Georgia Coastal Ecosystems Marine Sciences

The Georgia Coastal Ecosystems (GCE) LTER is an NSF-supported research project focused on the central Georgia coast. The marshes and estuaries in this area are affected by changes in both fresh water (from land and precipitation) and salt water (from the ocean.) Over the coming decades we anticipate that changes in climate and human activities will affect these ecosystems through changes in river inflow, sea level rise, and changes in land use. Field work for the GCE project is based at the University of Georgia Marine Institute on Sapelo Island, which has housing and laboratory space. Opportunities are available for students to work with researchers either in their laboratories at UGA, or over the summer at Sapelo Island.

Contact: Adam Sapp (asapp@uga.edu)
Apply: http://gce-lter.marsci.uga.edu/public/employment/summer_internships.asp

Population Biology of Infectious Disease

The goal of this nine-week program is to provide students with experiences and opportunities at the intersections of the quantitative sciences and empirical disciplines of infectious disease biology. We achieve this goal by creating an integrative program aimed at exposing students with a biological background to quantitative methods, and by promoting an understanding of experimental biology among students with a background in mathematics and computer science. We encourage applications from students majoring in ecology and biological science fields, in addition to those majoring in mathematics, computer science and statistics. Special attention is given to recruitment of students from a network of partner Historically Black Colleges and Universities, students from groups underrepresented in STEM disciplines and students from primarily undergraduate institutions.

Contact: Dr. John Drake (jdrake@uga.edu)
Apply: https://daphnia.ecology.uga.edu/reu/
Research Areas:
- Developmental Biology
- Structural Biology
- Molecular Biology
- Evolutionary Biology
- Genomics
- Bioinformatics
- Genetics
- Cellular Biology
- Neuroscience
- Biochemistry
- Human Physiology
- Psychology
- Human Biology

Participating Faculty Include:
- Andy Berglund
- Chris Doe
- Hans Dreyer
- Judith Eisen
- Karen Guillemin
- John Halliwel
- Charles Kimmel
- John Postlethwait
- Melissa Redford
- Kryn Starkunas
- Philip Washbourne
- Michael Wehr
- Monte Westerfield
- Matt Smear

Information and online application:
http://r25srp.uoregon.edu

Rolling Application Review begins last week in February. Space is very limited.

University of Oregon
NICHD R25 Summer Research Program
UO R25 SRP
1254 University of Oregon
Eugene, OR 97403-1254

email:
r25srp@uoregon.edu

funded by:
National Institutes of Health
NIH-R25HD078717
National Institute of Child Health and Human Development
The University of Oregon NIH R25 Summer Research Program (R25 SRP) offers research internships in laboratories serving the mission of the National Institute of Child Health and Human Development.

R25 SRP interns participate in ongoing research in child health and human development in laboratories at the University of Oregon during the summer months.

Features

- Summer stipend (10 weeks)
- Round-trip travel to University of Oregon (non-UO students)
- Room/board in UO housing (non-UO students)
- Faculty seminar series
- Professional development workshops
- Formal research project report
- Scientific, cultural, social, and recreational activities
- Scientific communication
- Responsible conduct of research
- Undergraduate Research Symposium
- Presentation at national conference

Eligibility:
All applicants should...

- have completed at least one year of relevant undergraduate coursework by summer
- be motivated to participate in ongoing research projects and to careers in biomedical sciences
- be US citizens or permanent resident with green card

Visit us at
http://r25srp.uoregon.edu

Please Note: NICHD R25 SRP is committed to equity and inclusion in biomedical research and to diversifying the next generation of biomedical scientists.
USC-NEURAL Summer Research Program

The USC Neuroscience Experience Undergraduate Research And Learning Program (USC-NEURAL) is devoted to providing outstanding research experiences and professional development opportunities for underrepresented minority undergraduates who have a strong interest in pursuing an advanced degree in the neurosciences. The USC Neuroscience Graduate Program established the program in 2017, working with the Office of the Provost to organize and provide an enriching on-campus experience for the visiting NEURAL scholars, who work in a laboratory for 9-10 weeks during the summer in Los Angeles. The NGP and NEURAL programs are directed by Dr. Pat Levitt and Dr. Jason Zevin serves as associate director of NEURAL.

Neuroscience is naturally interdisciplinary. We welcome undergraduates who major in a variety of fields, including various fields of biology, biochemistry, chemistry, computer science, economics engineering, genetics, mathematics, neuroscience, psychology.

The program has a goal of partnering NGP training faculty members with a visiting NEURAL scholar, spending approximately 90% of their time in a laboratory research setting performing original research. A goal of the program is to provide a roadmap for the scholar to learn about a specific area of neuroscience, read original literature, perform experiments and learn analytical strategies. In addition to first-hand experience working in a lab, the program fosters interactions with current NGP graduate students and other faculty to learn about advanced training in the neurosciences more generally, and to discover outstanding opportunities for career development in academics, business, education and teaching, and public policy. Regular discussion groups tackle issues of ethical conduct in research, data replicability in the biomedical sciences, the art of producing a competitive graduate school application, personal interview and written statement strategies, and specific professional opportunities beyond the PhD. At the end of the summer program, scholars will be prepared to assemble and present a poster at their home institution.

Summer 2017 Program

The USC-NEURAL program partnered with Tennessee State University to host 4 undergraduates from the home institution NERVE program. This is co-directed by Drs. Lisa de la Mothe and Hugh Fentress. Grants awarded to the program at Tennessee State provide a stipend for each student, along with travel and some living expenses. The USC Provost’s Office provides funding for on-campus activities of the visiting scholars, and housing on the University Park campus.

For more information on our future summer research opportunities contact Dawn Burke, dawnburk@usc.edu

emailed Oct. 20